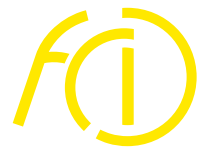


ACD

When minutes save lives...



INSTRUCTION MANUAL

Decon Cabin



1. Changes and/or additions

Change or addition				
Number	Date of notice	Applied by	Date	Initials

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2. Safety instructions

Meaning of symbols:

	Warning!	This is the safety alert symbol. When you see this symbol in this manual, look for one of the following signal words and be alert to the potential for personal injury.
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- Read the instruction manual before using the product.
Follow the directions in this manual.
- Keep this manual near to the product.

ACD Shelter techniek is not responsible for any damages and/or malfunctions, which may be caused by ignoring this instruction manual.

Usage:

- The ground should be flat and clean in order to avoid damages to the shelter and in order to reach maximal stability of the shelter.
- At wind force >3 it is absolutely necessary to use guy-ropes!
- The shelter can be set up in areas with temperature conditions ranging from -30 °C to 50 °C.
- Do not store in moist/wet or dirty condition.
- Do not use candles, matches or any form of open fire in or in the vicinity of the shelter.
- Avoid open fire or shower of sparks in the wind direction of the shelter.
- Pay extra attention whenever using fuel-fired lights or heating systems in the shelter. Preferably use electric systems for light and heating.
- Do not refill fuel-fired lights, heating systems or cooking sources in the shelter.
- Do not keep inflammable fluids in the shelter.
- Sharp objects such as nails, paperclips can cause damage to the shelter. Prevent such objects from falling onto the ground sheet.

Cleaning:

- Use a mild cleaning agent for cleaning the shelter.
- Never use cleaning agents containing solvents (such as white spirit or refined petrol), as these might cause damage to certain parts and toxic fumes may be set free. In addition, using such cleaning agents might cause risk of fire and explosion.

Usage of accessories:

- Use only accessories, which are approved and allowed to use by ACD.
- If other parts are fitted on or in the shelter, ACD cannot be held responsible for the consequences, which in addition to that are not covered by the clauses regarding the warranty and product liability.

3. Product description

DECONTAMINATION SHOWER

The decontamination shower consists of an inflatable support frame and the decontamination cabin with integrated shower system.

The supporting frame consists of a single-chamber system and is fitted with an inflation-discharge valve and a pressure relief valve, which opens when the maximum permissible working pressure is exceeded.

The decontamination cabin is hung inside the supporting frame using velcro directly onto the supports of the frame.

The decontamination shower has an entrance and an exit. The entrance has a red zipper and the exit a green one.

There are loop attachments on the top of the supporting frame, which together with the tied on guy ropes provide addition anchorage in strong winds.

PACKING BAG

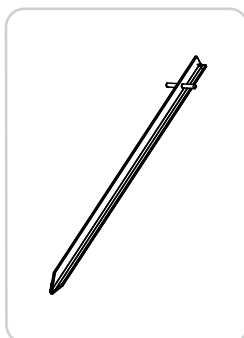
The folded decontamination shower is placed for transport in the packing bag that is then closed with fastening straps.

MODE OF OPERATION OF THE SUPPORTING FRAME AIR CHAMBER

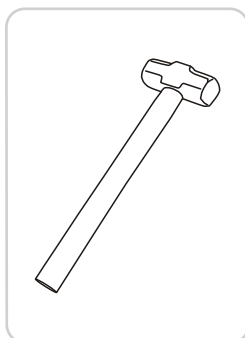
The decontamination shower takes up its intended shape automatically when the supporting frame is blown up. The geometry of the decontamination shower is stabilised by the supporting frame and the tightly attached decontamination cabin; the cabin walls and cabin roof are unfolded and pulled tight on inflating.

3.1 Scope of delivery

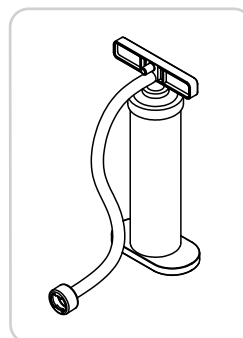
The standard delivery scope is:



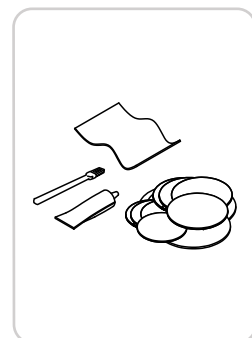
Ground pegs



Hammer



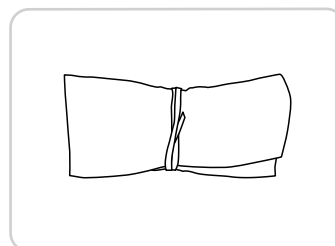
Hand pump



Repair kit



Carrying bag for tent



Carrying bag for accessories

PART	DC100 AFW113D	DC150 AFW112A	DC200 AFW113A	DC300 AFW113B	DC400 AFW113C	DC420 AFW113CD	DC450 AFW113E
Inflatable frame	1	1	1	1	1	1	1
Cabin cover	1	1	1	1	1	1	1
Integrated basin	1	1	1	1	2	2	2
Extended basin	-	1	-	1	-	-	1
Carrying bag	1	1	1	1	1	1	1
Repair kit	1	1	1	1	1	1	1
Ground pegs							
Guy ropes							
Hammer	1	1	1	1	1	1	1
Hand pump	1	1	1	1	1	1	1

ATTENTION! Decon strips are not included into the standard delivery scope.

3.2. Accessories

Following optional accessories are available:

Description	Usage	Article number
Deconstrip	Strip with spraying nozzles and valves	ZPS114B-2V5; ZPS114B-2V6
Blower K set	Inflation of the air frame	AIR449-S
Banner set	Text or logo	AIR450
Deconbrush	Brush with water stream+spiral hose	ZPS112
Deconpistol	Water pistol with spiral hose	ZPS114F
Window with gloves	Enables assistance from outside	AIR421-D

3.3 Technical data

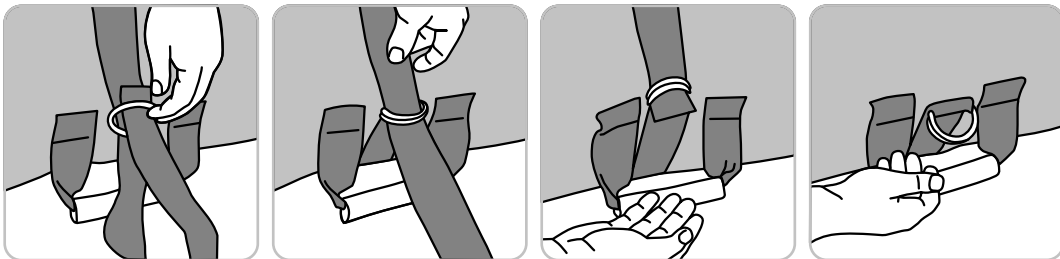
	DC100 AFW113D	DC150 AFW112A	DC200 AFW113A	DC300 AFW113B	DC400 AFW113C	DC420 AFW113CD	DC450 AFW113E
Dimensions erected (lxwxh)	180x180x250 cm	380x200x250 cm	250x250x270 cm	450x250x270 cm	250x450x270 cm	250x450x270 cm	480x450x270 cm
Dimensions packed (lxwxh)	60x55x45 cm	60x60x55 cm	60x75x75 cm	110x80x55 cm	110x75x60 cm	110x80x65 cm	110x80x80 cm
Weight	45 kg	50 kg	55 kg	65 kg	69 kg	69 kg	75 kg
Frame pressure	0.27 bar	0.27 bar	0.27 bar	0.27 bar	0.27 bar	0.27 bar	0.27 bar
Material frame	Airtex200	Airtex200	Airtex200	Airtex200	Airtex200	Airtex200	Airtex200
Material cover	Airtex800	Airtex800	Airtex800	Airtex800	Airtex800	Airtex800	Airtex800
Material basin	Airtex300	Airtex300	Airtex300	Airtex300	Airtex300	Airtex300	Airtex300

4. Installation

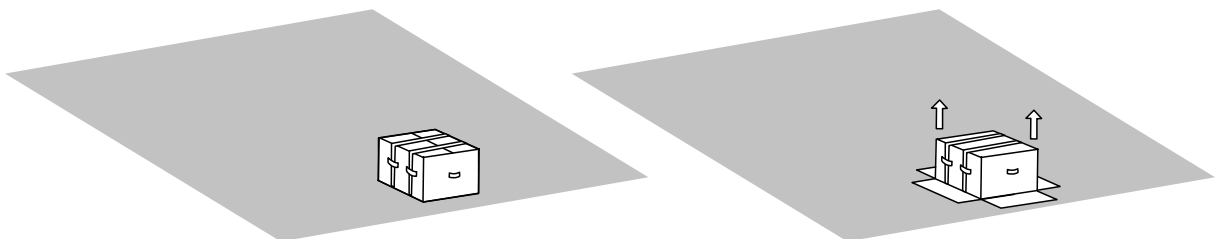
4.1 Unpack carrying bag

	Attention!	The surface on which the decontamination shower is erected should be free of any objects and as even as possible in order to avoid damage to the decontamination shower and to ensure that the equipment is stable.
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- a. Remove the decontamination shower and accessories from the packing bag.
- b. Lay out the decontamination shower.



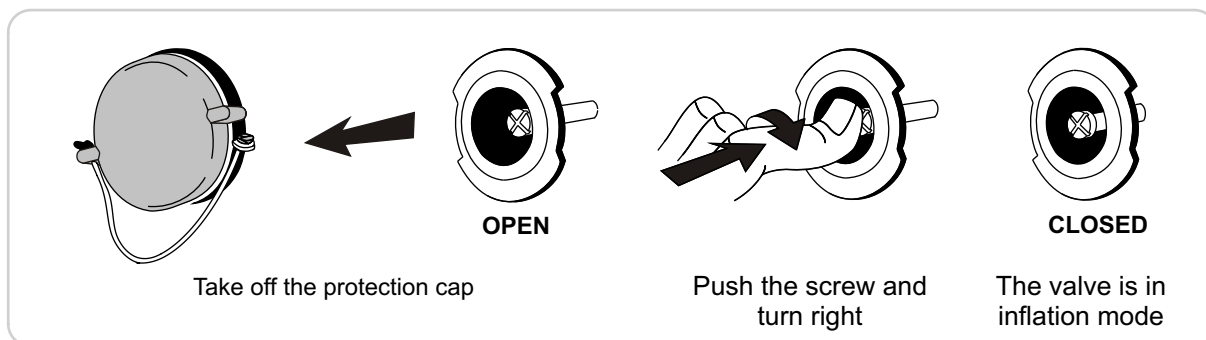
Loosen the straps of the carrying bag and open the bag.



Roll the bag upside down and remove it from the cabin.

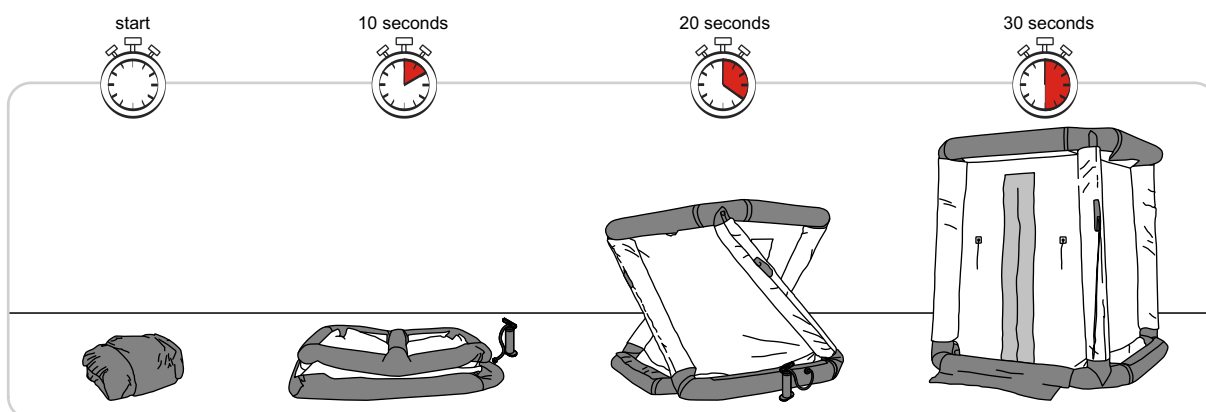
INFLATING

- a. Remove the protective cap from the inflation/discharge valve by turning it off.
- b. Check that the valve is closed. If the valve is open, close by turning the valve Diaphragm in a clockwise direction.



Checking the valves

Note: *Replace the protective cap onto the valve after inflating.*



Inflating the Decon Cabin

Using the blower (optional extra)

- Prepare the blower according to the operating instructions enclosed with the device.
- Connect the hose line of the blower to the inflation/discharge valve and inflate the decontamination shower until working pressure has been reached.

Note: *The working pressure has been reached when air can be heard coming out of the relief valve.*

Inflating with compressed air (optional extra)

Note: *Any 200 bar or 300 bar compressed-air bottles with type-tested DIN valve can be used.*

- Connect pressure reducer to the compressed-air bottle and tighten by hand.
- Connect the pressure hose with the inflation/discharge valve and check that it is seated firmly.

	CAUTION!	A hose that is under pressure can whip around and cause injury if it comes off the connection!
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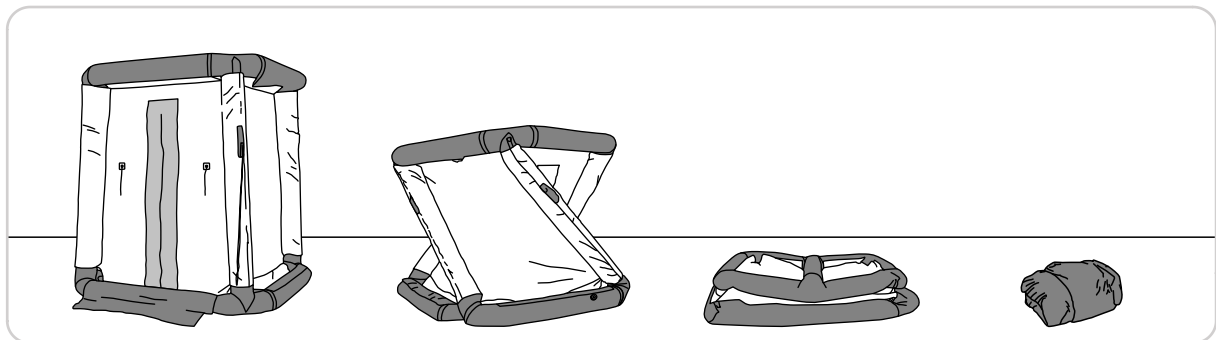
Note: *The inflation/discharge valve should not be covered with dust, dirt or the like.*

- c. Close pressure-reducing valve (small hand wheel on hose side).
- d. Open bottle valve fully. The left manometer will display the pressure in the bottle; the right manometer will show the working pressure of the pressure reducer. The working pressure should be max. 4 bar, if necessary reset the pressure reducer with the adjusting handle to this value.
- e. Open the pressure reducing valve, the supporting frame will inflate.
- f. As soon as the pressure relief valve of the supporting frame chamber is activated, close the bottle valve to prevent the bottle from being emptied completely.
- g. Remove the pressure hose, unscrew the pressure reducer from the bottle and Replace the dummy plugs onto the compressed-air bottle.

5. Disassembling and packing the Decon Cabin

Disassembly

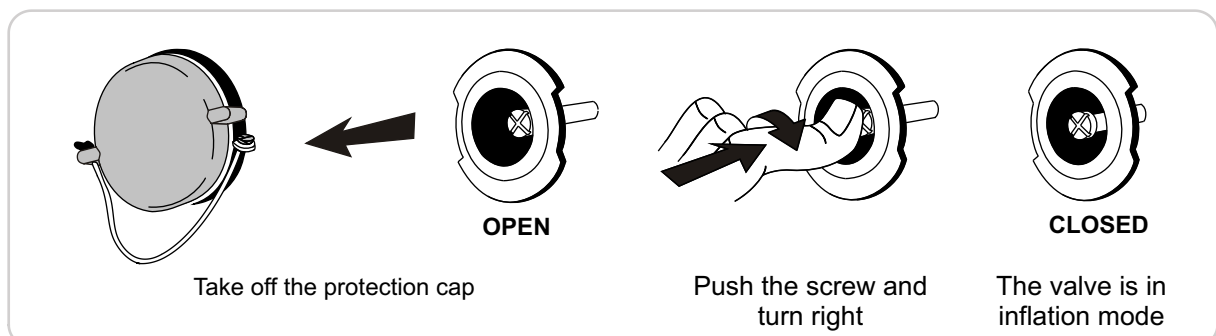
- Remove all objects from the decontamination shower, empty the shower hose system completely, if required disassembly.
- Clean dirt and contamination thoroughly from the cabin with plenty of water and cleaning agent.
- Open the inflation/discharge valve by pushing it in and turning the valve diaphragm in an anticlockwise direction and let the air out for a period of approx. 5 min. Protect the insert from being contaminated.
- If necessary, remove the air completely from the air chamber using the blower (optional extra) in suction mode.



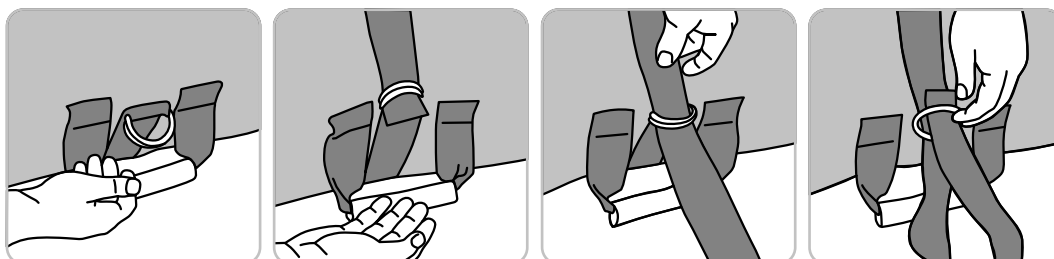
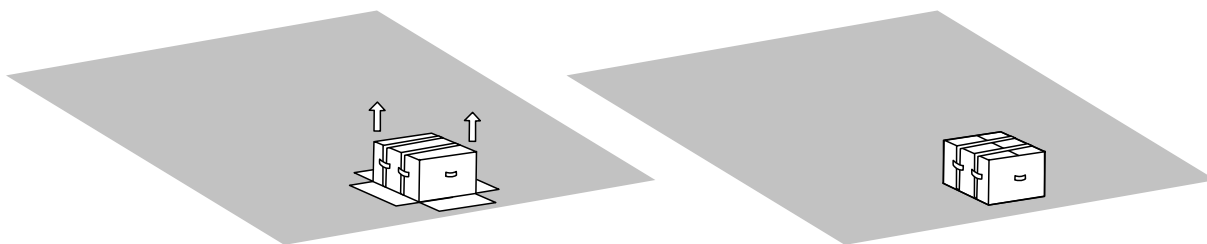
Deflating the Decon Cabin

Folding and packing up

- Lay out the roof of the shower cabin evenly and smoothly.
- Remove the stretching straps from the tent pegs and place evenly on the roof of the shower.
- Pull the tent pegs from the ground, clean and pack away.
- Fold the decontamination shower together. Pull the shower walls flat over itself in the correct position. Clean dirt/contamination away as much as possible.
- Roll in the direction of the inflation/discharge valve (main entrance), squeezing the air out with the knee.
- Close open valve and place valve caps back on.
- Pull the packing bag over the rolled up decontamination shower and roll the decontamination shower in that direction into the bag.
- Put the accessories into the bag and close it.



Checking the valves



6. Care and maintenance

General

- a. Do not pack away the decontamination shower in a damp or dirty state.
- b. If the decontamination shower is stored without use, erect every 12 months and check the general condition.
- c. Keep the valves and the screws in the valves clean.

Cleaning

Note: *Only use mild, commercially available cleaning agents for the soap solution.*

- a. The textile components of the decontamination shower should be cleaned, when necessary, with a lukewarm soap solution and a soft sponge. The cleaned parts should then be rinsed thoroughly with fresh, clean water and left in the air to dry.
- b. Clean dirty inflation/discharge valves and relief valves carefully with compressed air and check their function.
- c. The compatibility of any other cleaning agent should be checked before it is used. This can be tested on the repair set.

Repairing holes and tears

- a. Holes and tears in the supporting frame or in the decontamination shower cabin should be repaired using the repair set which is a part of the standard accessories, observing the enclosed instructions for use.
- b. Alterations to the shelter may only be carried out after prior approval of the manufacturer.
- c. Clean the shelter with water before starting any maintenance or repair work.
- d. Only use original parts if a component needs to be repaired or replaced.
- e. Keep the working space clean, tidy and well illuminated.
- f. Only use original parts if a component needs to be repaired or replaced.